

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As below named inventors,

We hereby declare that our residence, post office address and citizenship are as stated below next to my name.

We believe we are the original, and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled: **REACTOR FOR EXTENDED DURATION GROWTH OF GALLIUM CONTAINING SINGLE CRYSTALS** the specification of which

is attached hereto.

was filed on _____ and assigned Application Serial Number _____
and was amended on _____

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign applications for patent or inventor's certificate, listed below and so identified, and we have also identified below any foreign application for patent or inventor's certificate on this invention filed by us or our legal representatives or assigns and having a filing date before that of the application on which priority is claimed.

Number	Country	Day/Month/Year Filed	Priority Claimed - Yes or No

We hereby claim the benefit under Title 35, United States Code, § 120 of any United States applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial No.	Filing Date	Status

We hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States provisional application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior provisional application and the filing date of this application.

Provisional Application No.	Filing Date	Status

We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and request that all correspondence and telephone calls with respect to this application be directed to

McCUTCHEON, DOYLE, BROWN & ENERSEN, LLP
 Three Embarcadero Center,
 San Francisco, California 94111
 Telephone No. (415) 393-2000
 Facsimile No. (415) 393-2286

Attorney	Registration No.
David G. Beck	37,776
Michael E. Woods	33,466
Antoinette Konski	34,202
Patricia Coleman James	37,155
Jeffrey Jacobs	40,209
Roger Sampson	44,314

Full name of sole or first joint inventor: Yuri V. Melnik

Inventor's signature: _____ Date: _____
Residence 259 Congressional Lane, Apt. #409, Rockville, Maryland 20852
Post Office Address:
Citizenship: Russian Federation

Full name of sole or second joint inventor: Vitali Soukhoveev

Inventor's signature: _____ Date: _____
Residence 17604 Sequoia Dr., Apt. #204, Gaithersburg, Maryland 20877
Post Office Address:
Citizenship: Russian Federation

Full name of sole or third joint inventor: Vladimir Ivantsov

Inventor's signature: _____ Date: _____
Residence 5 Nancy Pl., Apt. #3, Gaithersburg, Maryland 20877-1560
Post Office Address:
Citizenship: Russian Federation

Full name of sole or fourth joint inventor: Katie Tsvetkov

Inventor's signature: _____ Date: _____
Residence 18710 Barn Swallow Terrace, Gaithersburg, Maryland, 20879
Post Office Address:
Citizenship: Russian Federation

Full name of sole or fifth joint inventor: Vladimir A. Dmitriev

Inventor's signature: _____ Date: _____
Residence 13501 Scottish Autumn Lane, Gaithersburg, Maryland 20879
Post Office Address:
Citizenship: Russian Federation